

Converting Colors

YUV(162.9400, -69.9764,
-49.0594)

Have a look what the booklet for
YUV(162.9400, -69.9764, -49.0594)
contains.

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Color

**YUV(162.9400, -69.9764,
-49.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	6BDB15
RGB	107, 219, 21
RGB Percent	42%, 86%, 8%
CMY	0.5804, 0.1412, 0.9176
CMYK	0.51, 0.00, 0.90, 0.14
HSL	94°, 82%, 47%
HSV	94°, 90%, 86%
XYZ	31.5303, 53.8430, 9.4404
YIQ	162.9400, -3.1940, -85.3220

Conversions

Conversions Part 2

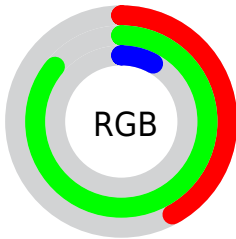
Format	Color
R _Y B	21, 219, 133
Decimal	7068437
CIE Lab	78.37, -60.64, 74.19
CIE LCh	78, 95.819, 129.263
Yxy	53.8430, 0.3326, 0.5679
Android (android.graphics.Color)	4285258517 (0xFF6BDB15)
YUV	162.9400, -69.9764, -49.0594
Hunter-Lab	73.3778, -51.7100, 43.7365

Details

The YUV color **162.9400, -69.9764, -49.0594** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **77.0600, 69.9764, 49.0594**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4050, -58.3737, -37.1892**, and **106.1460, -52.3300, -62.3950** is the 20% darker color. If you saturate the color by 10%, you get **156.9580, -77.3803, -54.3372**, and if you desaturate by 10%, it is **169.0360, -62.1357, -43.8816**.

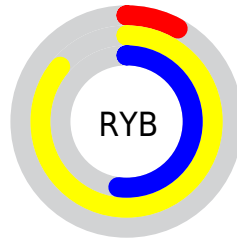
Distribution



Red (42%)

Green (86%)

Blue (8%)



Red (8%)

Yellow (86%)

Blue (52%)

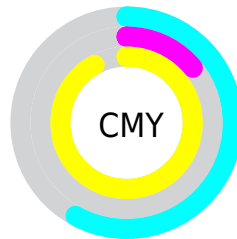


Cyan (51%)

Magenta (0%)

Yellow (90%)

Black (14%)



Cyan (58%)

Magenta (14%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9400, -69.9764, -49.0594 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 162.9400, -69.9764, -49.0594 by changing the saturation by 10% instead.

■ 162.9400,
-69.9764, -49.0594

■ 162.9400,
-69.9764, -49.0594

■ 255.0000, 0.0000,
0.0000

■ 134.5420,
-66.3292, -52.2183

■ 210.4050,
-58.3737, -37.1892

■ 106.1460,
-52.3300, -62.3950

■ 222.6810,
-50.1287, -21.6452

■ 79.8320, -39.3572,
-70.0127

■ 235.2560,
-42.0312, -5.4865

■ 64.5700, -31.8330,
-56.6279

■ 246.3360,
-33.1966, 7.5983

■ 49.3080, -24.3088,
-43.2431

■ 249.6420,
-20.5295, 4.6990

■ 34.6330, -17.0741,
-30.3731

■ 253.0620, -7.4256,

■ 21.1320, -10.4181,

1.6996

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 162.9400,
-69.9764, -49.0594

■ 162.9400,
-69.9764, -49.0594

■ 156.9580,
-77.3803, -54.3372

■ 169.0360,
-62.1357, -43.8816

■ 175.4310,
-54.4425, -38.0890

■ 181.5270,
-46.6018, -32.9112

■ 187.9220,
-38.9085, -27.1186

■ 194.0180,
-31.0679, -21.9408

■ 200.0000,
-23.6640, -16.6630

■ 206.3950,
-15.9707, -10.8704

■ 212.4910, -8.1301,
-5.6926

■ 218.5870, -0.2894,
-0.5148

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.0050, -88.2495, 25.4286



162.9400, -69.9764, -49.0594



148.9010, -10.7972, -130.5862

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



162.9400, -69.9764, -49.0594



158.2100, 47.7175, -138.7502



147.8680, 10.9111, 93.9548

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



162.9400, -69.9764, -49.0594



77.0600, 69.9764, 49.0594

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



169.2980, 42.2511, 75.1607



162.9400, -69.9764, -49.0594



144.1220, 54.6629, -126.3950

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162.9400, -69.9764, -49.0594



164.6670, 44.5342, -144.4130



189.1130, 32.4823, 34.9809



158.1360, -36.0560, 84.9497

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.9400, -69.9764, -49.0594



158.3170, 15.1267, -138.8440



189.1130, 32.4823, 34.9809



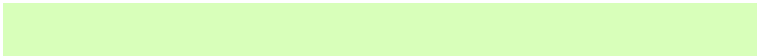
151.2880, 24.0150, 90.9554

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



162.9400, -69.9764, -49.0594



235.4730, -24.3902, -17.0778



144.1850, -60.7302, 65.6128



116.1500, -14.3710, -10.6556



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



162.9400, -69.9764, -49.0594



182.8740, -90.1569, -63.0335



138.3660, -52.9314, -102.9300



106.6530, -3.7729, -3.2037



123.9760, -61.1202, -42.9520



32.9820, -16.2601, -11.3852

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77.0600, 69.9764, 49.0594



72.1260, 90.1569, 63.0335



101.6340, 52.9314, 102.9300



102.0480, 3.9203, 2.5889



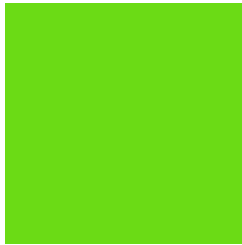
49.0240, 61.1202, 42.9520



13.0180, 16.2601, 11.3852

Previews

White Background



This preview shows how the YUV color 162.9400, -69.9764, -49.0594 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 162.9400, -69.9764, -49.0594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

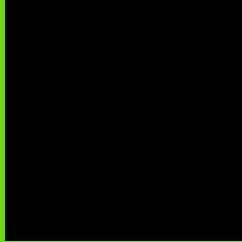
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.9400, -69.9764, -49.0594 Background



This preview shows how black text looks on a background with the YUV color 162.9400, -69.9764, -49.0594.



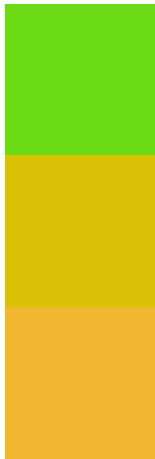
This preview shows how white text looks on a background with the YUV color 162.9400, -69.9764, -49.0594.

-49.0594.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

162.9400, -69.9764, -49.0594

Protanopia

178.7440, -85.6558, 33.5505

Deuteranopia

185.3650, -67.2279, 49.6689



Tritanopia

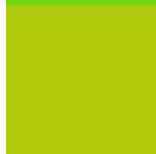
185.7910, 16.8650, -42.7897

Trichromacy



Original Color

162.9400, -69.9764, -49.0594



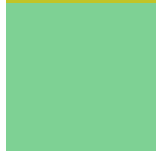
Protanomaly

172.7510, -79.7432, 3.7264



Deuteranomaly

177.2050, -68.1351, 13.8522



Tritanomaly

177.2290, -14.4099, -44.9278

Monochromacy



Original Color

162.9400, -69.9764, -49.0594



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

162.8320, -25.5532, -17.3927

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9400, -69.9764, -49.0594 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(107, 219, 21)` looks like.

```
.text, #text, p{  
    color:rgb(107, 219, 21)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(107, 219, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 219, 21) }
```

Border

The CSS property to change the border of an element to YUV 162.9400, -69.9764, -49.0594 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 219, 21) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(107, 219, 21) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(107, 219, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 219, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 219, 21);  
box-shadow:4px 4px 4px 4px rgb(107, 219,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 162.9400, -69.9764, -49.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 219, 21) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(107,  
219, 21) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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